FIG. 1

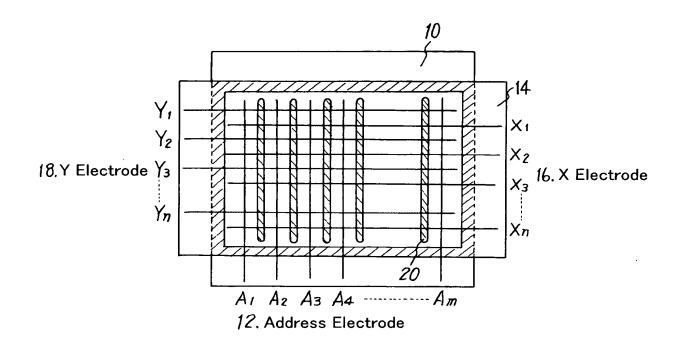
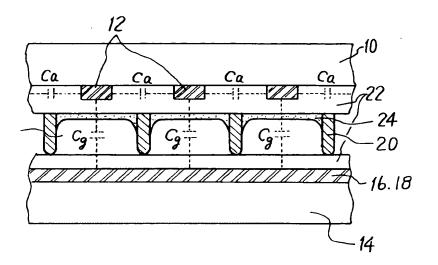


FIG. 2



X Driver 25 X  $\Xi$ Am Address Driver Ŧ A<sub>3</sub> **A**2 ¥ 23 Σ ۲  $\Xi$ | 28 Driver Scan Dr. -32 Display
Data Cont. Scan Driver Common Driver Cont. 36 FW CND 30 DATA -CLK I Vsync -Hsync -

# Drive Method (1)

FIG. 4A Drive Wave Form

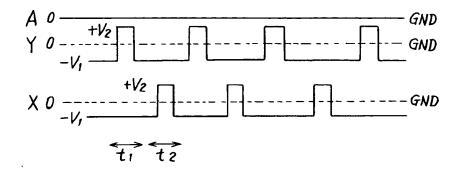
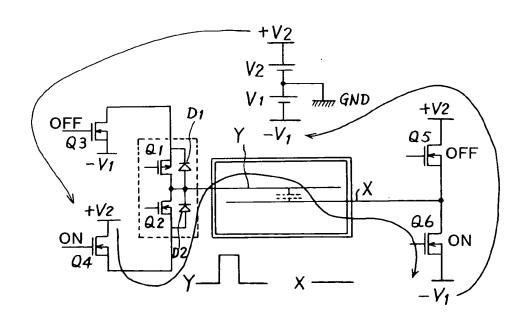


FIG. 4B Drive Circuit



## Drive Method (2)

FIG. 5A Drive Wave Form

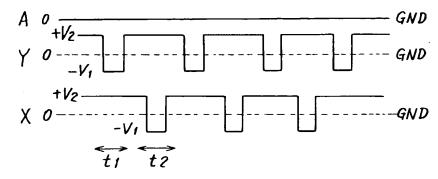
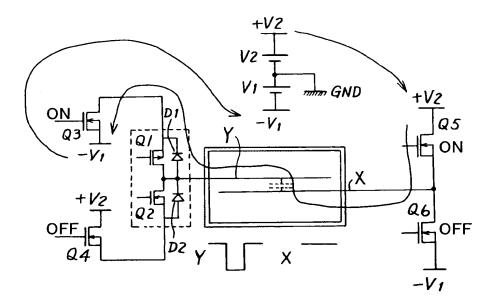


FIG. 5B Drive Circuit



## Drive Method (3)

FIG. 6A Drive Wave Form

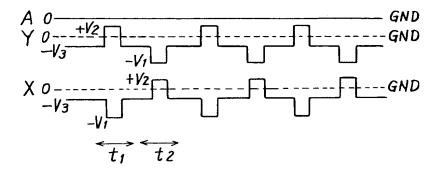
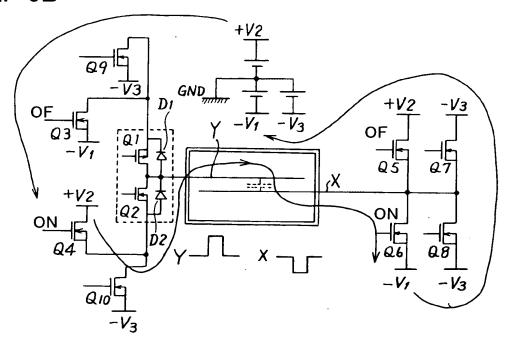


FIG. 6B Drive Circuit



## Drive Method (4)

FIG. 7A Drive Wave Form

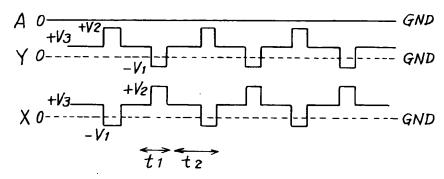


FIG. 7B Drive Circuit

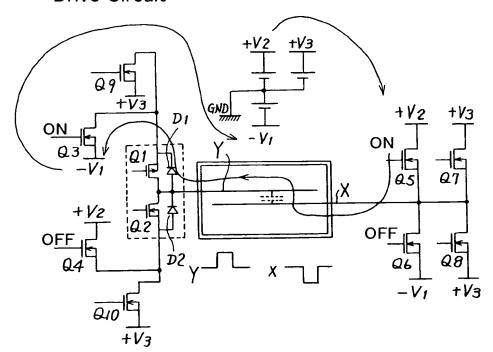
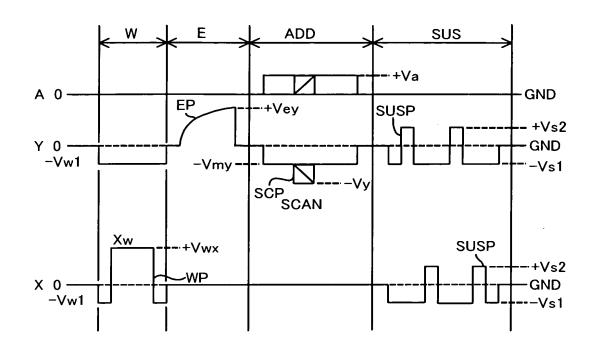


FIG. 8
First Embodiment



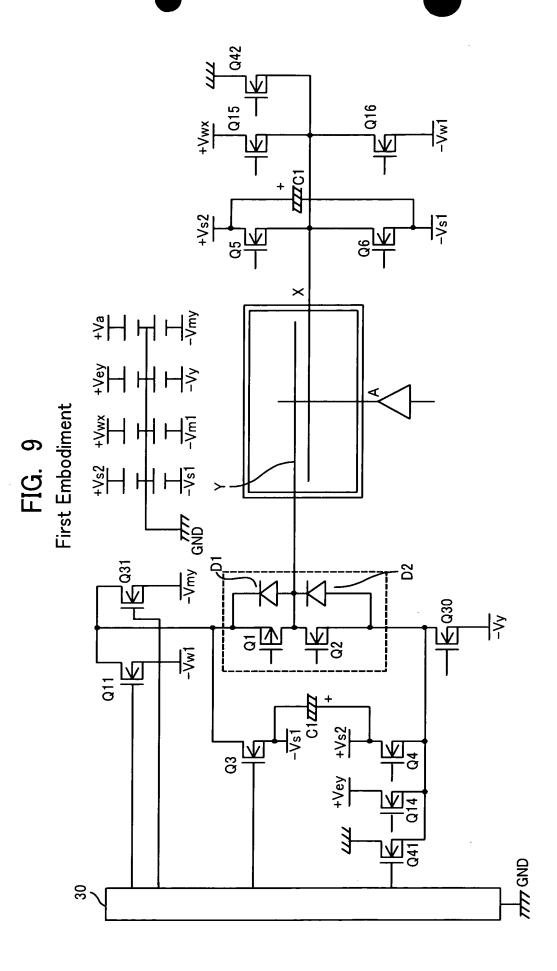
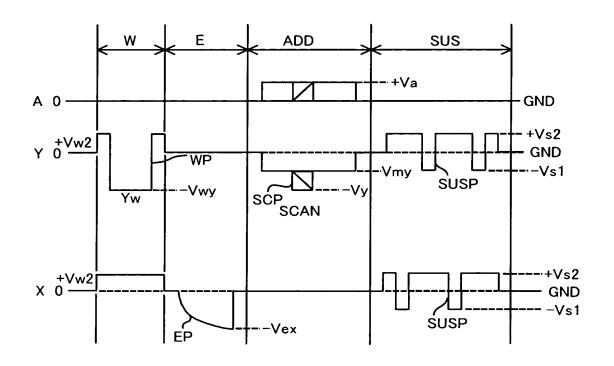


FIG. 10 Second Embodiment



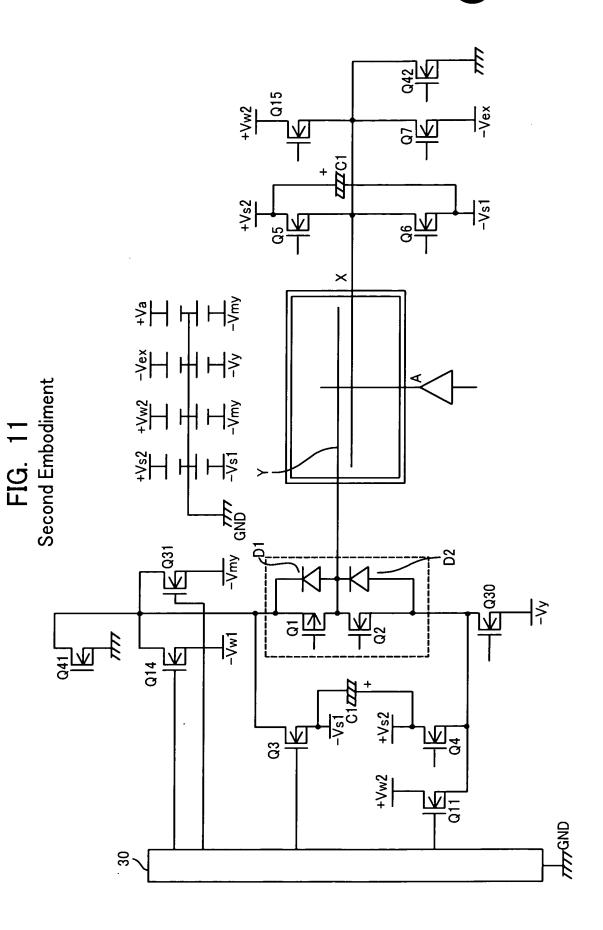


FIG. 12
Third Embodiment

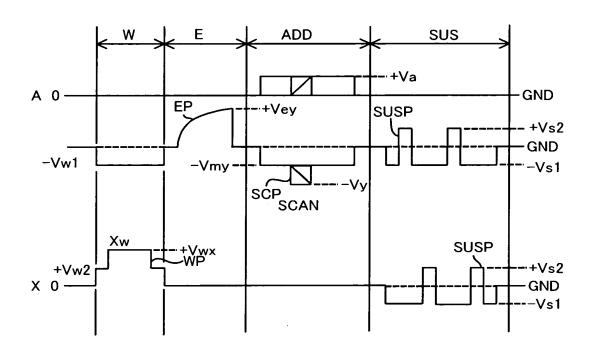


FIG. 13

Third Embodiment

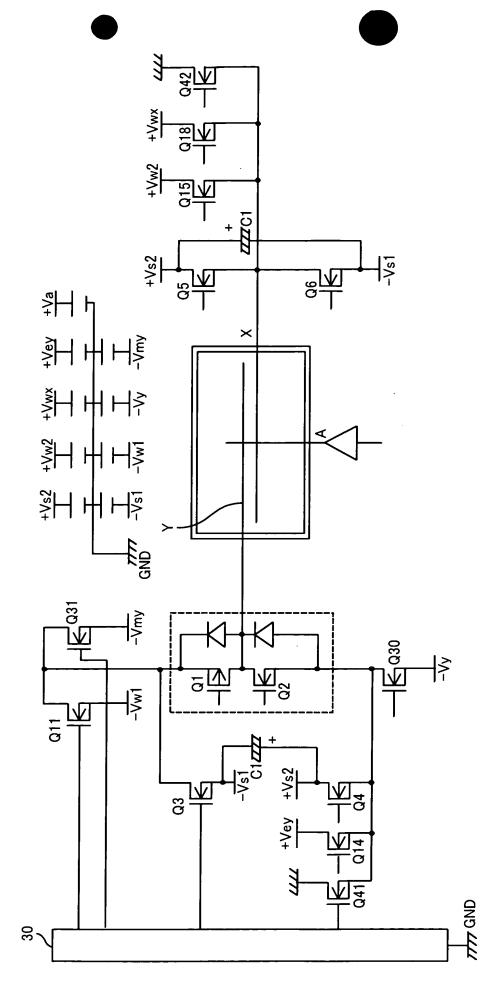
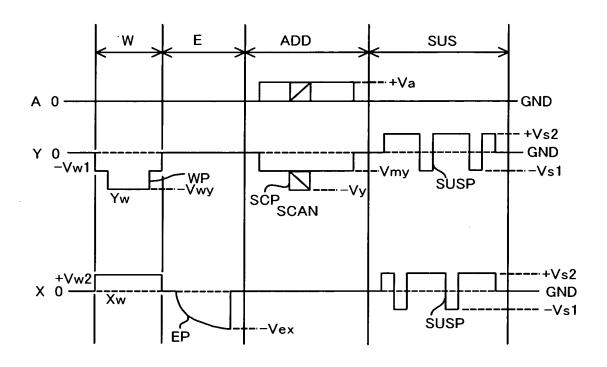
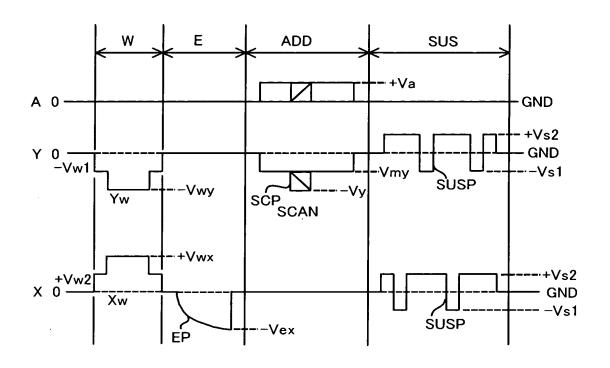


FIG. 14
Fourth Embodiment



1 Q15 +Vw2 -----\s1 +Vs2 × **ўН Н Н**≱ FIG. 15 Fourth Embodiment ₹H # H₹ \$H H + gND 4 <u>Ā</u> -\ |-|-<u>M</u> **-**|≯ **|**} 4 至不 <u>=</u>4 +Vs2 -{ |-|-ဗွ € ₩ THY GND

FIG. 16
Fifth Embodiment



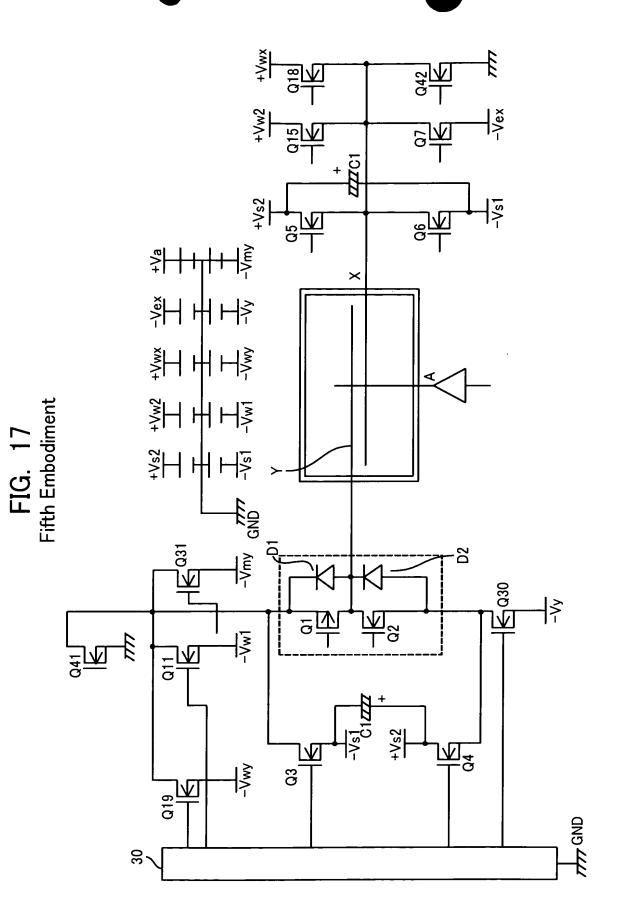


FIG. 18
Sixth Embodiment

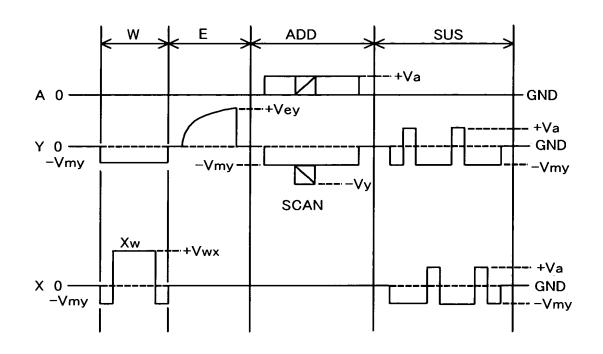
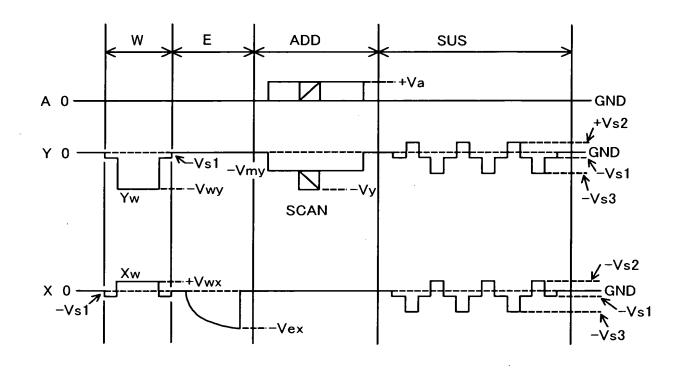


FIG. 19 Sixth Embodiment

*Q*42 4/wx Q15 **E**C1 -\ \ -\ M + |-|-**≱**H h GND -Vmy 而 88 \<u>^</u> 유 -\rac{1}{\mu\_{w}} +Vey +Va **南**叁 山 WH GND 30

FIG. 20 Seventh Embodiment



dND ×w/+ 南南 -Š + | -\s3 -\s\-型 南 + [] +\s2 -\s-\ +Va +Vs2 +Vwx FIG. 21 Seventh Embodiment <u></u> **|**≯ -\m\ -\m\ +Vs2 -\s-\--\s3 -Vs1 욁 용 **┤**﴾

윊

FIG. 22
Eighth Embodiment

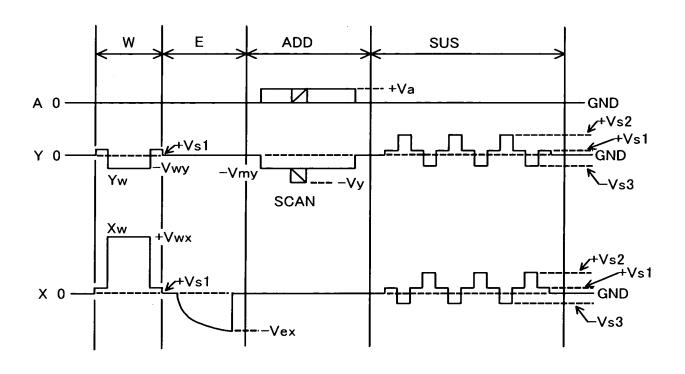


FIG. 23 Eighth Embodiment

SN SN TWX GND 南南 -| |-## -\s3 +\s1 南 +\s2 -\s1  $\times$ +Va +Vs2 +Vs1 +Vwx <del>|</del> } -\m\ -\m\ +Vs2 -\s1 -\s3 GND +Vs1 용 **┤**^

#### Prior Art

FIG. 24A Example 1

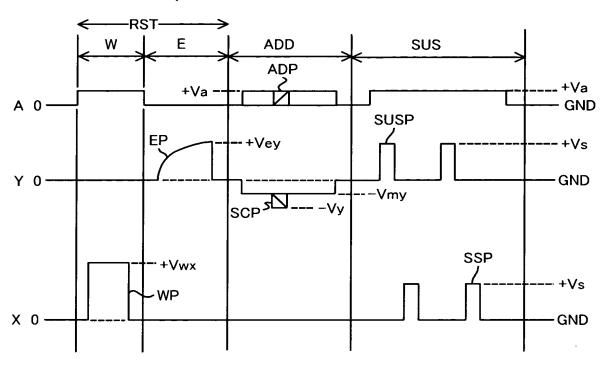


FIG. 24B Example 2

